

What is claimed is:

1. A system for delivering light treatments, including:

5 a first hand piece for delivering light from a first light source to a patient's skin

10 a second hand piece for delivering light from a second light source to a patient's skin;

15 a hand piece management unit which includes a first holding area for holding the first hand piece, and a second holding area for holding the second hand piece;

20 the hand piece management unit further including a detection circuit which determines when the first hand piece is held in the first holding area, and when the second hand piece is held in the second holding area;

25 a control unit which is coupled to the detection circuit;

30 a user interface display is coupled to the control unit; and wherein when the first hand piece is held in the first holding area, and the second hand piece is held the second holding area, the control unit operates to cause the user interface display to generate a first screenshot which indicates that both the first hand piece and the second hand piece are held by the hand piece management unit, and wherein when the first hand piece is held in the first holding area, and the second hand piece is removed from the second holding area, the control unit operates to cause the user interface display to generate a second screenshot which indicates that the first hand piece is positioned in the first holding area, and the second hand piece is removed from the second holding area.

2. The system of claim 1, wherein when the first hand piece is removed from the first holding area, and the second hand piece is held in the second holding area, the control unit operates to cause the user interface display to generate a third screenshot which indicates

that the first hand piece is removed from the first holding area, and the second hand piece is in the second holding area.

3. The system of claim 1, wherein when the first hand piece is removed from the 5 first holding area, and the second hand piece is removed from the second holding area, the control unit operates to cause the user interface display to generate a fourth screenshot which indicates that the first hand piece is removed from the first holding area, and the second hand piece is removed from the second holding area.

10 4. A light treatment system for providing light treatments to a patient's dermal and epidermal regions, the system comprising:

 a main console which houses a power supply for driving at least two light sources;

15 a control unit coupled to the power supply, wherein the control unit operates to control the power supply;

 a laser source housed in the main console and coupled to the power supply;

 an optic fiber having two ends, wherein a first end of the optic fiber is coupled to the output of the laser source;

20 a first hand piece coupled to a second end of the optic fiber, and wherein the optic fiber operates to deliver light from the laser source to the first hand piece, and wherein the optic fiber is of sufficient length so that the laser treatment module can be positioned at different locations on a patient's skin;

25 a second hand piece having a light source mounted therein, wherein the second hand piece is coupled to an umbilical cable which supplies electrical energy from the power supply to the light source, wherein the electrical energy operates to drive the light source to output light for treatments to a patient's skin, and wherein the umbilical cable is of sufficient length so that second hand piece can be positioned at different locations on a patient's skin.

5. The system of claim 4, further including:
a hand piece management unit coupled to the main console, wherein the hand
piece management unit includes a first holding area for holding the first hand piece,
and a second holding area for holding the second hand piece, and the hand
5 management unit including a detection unit which detects when the first hand piece is
held in the first holding area, and detects when the second hand piece is held in the
second holding area, and wherein the detection unit is coupled to the control unit to
communicate when the first hand piece and the second hand piece are held by the
hand piece management unit, or removed from the holding areas of hand piece
10 management unit.

6. The system of claim 5, further including:
a user interface display coupled to the control unit, wherein the control unit
operates to cause the user interface display to provide different information
15 depending on the positions of the first hand piece and the second hand piece relative
to the first holding area and the second holding area of the hand piece management
unit.

7. The system of claim 5 further including:
20 a user interface display coupled to the control unit, wherein the control unit
operates to cause the user interface display to display a first screenshot when the first
hand piece is in the first holding area and the second hand piece is in the second
holding area, and operates to cause the user interface display to a second screenshot
when the first hand piece is removed from the first holding area and the second hand
25 piece is in the second holding area, and operates to cause the user interface to display
a third screenshot when the first hand piece is in the first holding area, and the second
hand piece is removed from the second holding area.

8. The system of claim 7, wherein the user interface display is a touch screen
30 display, and wherein the first screenshot shows a first icon which corresponds to the shape of
the first hand piece and the first icon is highlighted, and the first screenshot shows a second

icon which corresponds to the shape of the second hand piece and the second icon is highlighted, wherein in response to a user pressing on the touch screen in a position which corresponds to the first icon, user interface display will generate a screenshot for allowing a user to control the operation of the laser source, and wherein in response to a user pressing on 5 the touch screen in a position which corresponds to the second icon, the user interface display will generate a screenshot for allowing the user to control the operation of the light source mounted in the second hand piece.

9. The system of claim 7, wherein the user interface display is a touch screen 10 display, and wherein the second screenshot shows a first icon which corresponds to the shape of the first hand piece and the first icon is highlighted, and the second screenshot shows a second icon which corresponds to the shape of the second hand piece and the second icon is not highlighted, wherein in response to a user pressing on the touch screen in a position which corresponds to the first icon, the user interface display will generate a screenshot for 15 allowing a user to control the operation of the laser source, and wherein in response to a user pressing on the touch screen in a position which corresponds to the second icon, the user interface display will not generate a screenshot for allowing the user to control the operation of the light source mounted in the second hand piece.

20 10. In a light treatment system which provides two or more light sources for providing different light treatments to a patients skin, a method of operation, including:
sensing when a first hand piece, for delivering energy from a first light source, is held in held in a first storage position;
sensing when a second hand piece, for delivering energy from a second light 25 source, is held in a second storage position;
in a user interface display, generating a first screenshot indicating when the first hand piece is in the first storage position, and the second hand piece is in the second storage position;
in the user interface display, generating a second screenshot indicate when the 30 first hand piece is not in the first storage position and the second hand piece is in the second storage position; and

in the user interface display, generating a third screenshot indicating when the first hand piece is in the first storage position and the second hand piece is not in the second storage position.

5 11. In a system having multiple light sources for applying light treatments to a patient's skin, a method for driving a selected light source to apply a treatment, the method comprising:

 providing a controllable power supply;

 coupling a first light source to the controllable power supply;

10 coupling a second light source to the power supply;

 identifying when the first light source is selected for activation by a user;

 directing an electrical energy from the power supply to the first light source, when the first light source has been selected by the user; and

 sensing an output by the first light source, and controlling an output of the

15 power supply based on the sensed output by the first light source.

12. The method of claim 11 further comprising:

 identifying when the second light source is selected for activation by a user;

 directing electrical energy from the power supply to the second light source,

20 when the second light source has been selected by the user; and

 sensing an output by the second light source, and controlling an output of the

power supply based on the sensed output by the second light source.

25 13. The method of claim 11, wherein the first light source is a flashlamp which outputs light energy to a patient's skin;

14. The method of claim 11, wherein the first light source is a filament light source which outputs light energy to a patient's skin.

30 15. The method of claim 11, further including:

 providing a hand piece management for holding multiple handpieces;

positioning a first hand piece, in which the first light source is disposed, in a first position in the hand piece management unit;

positioning a second hand piece for delivering light from the second light source in a second position in the hand piece management unit;

5 determining when the first hand piece is removed from the first position and when second hand piece are both removed from the second position;

putting the power supply into a mode such that it cannot supply electrical energy to drive either the first light source or the second light source when it is determined that both the first hand piece and the second hand piece are

10 removed.

16. In a system having multiple light sources for applying light treatments to a patient's skin, a method driving a selected light source to apply a treatment, the method comprising:

15 providing a controllable power supply;

coupling a first light source disposed in a first hand piece to the controllable power supply;

coupling a second light source disposed in a main console to the controllable power supply;

20 providing an optic fiber which is configured to receive light generated by the second light source and transmit light to a second handpiece;

identifying when the first light source is selected for activation by a user; and directing an electrical energy from the power supply to the first light source, when the first light source has been selected by the user.

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17. The method of claim 16 wherein the first light source is a filament light source, and the directing an electrical energy, includes:

closing a switch to connect a filament of the filament light source with an output of the power supply.

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18. The method of claim 16 wherein the first light source is a flashlamp, and the
directing an electrical energy to the flashlamp, includes:
activating a simmer circuit of the controllable power supply to put the
flashlamp in a conductive mode having a low resistance.

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19. The method of claim 16 further comprising:
identifying when the second light source is selected for activation by a user;
directing electrical energy from the power supply to the second light source,
when the second light source has been selected by the user, and wherein the second light
10 source is a high power laser which includes a pumping flashlamp.
20. The method of claim 19, wherein the directing electrical energy to the second
light source includes:
activating a simmer circuit of the controllable power supply to put the
15 pumping flashlamp in a conductive mode having a low resistance.